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July 30, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re/ application of David J. Brayden Application No. 09/386,709 Filed August 31, 1999

Examiner J.E. Graser Art Unit 1645 Confirmation No. 1709

ORAL VACCINE COMPOSITIONS

(Atty. Docket No. P26,488-A USA)

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on Wednesday, July 30, 2003.

Nicole Lavery

Mail Stop RCE Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Submission Under 37 C.F.R. §1.114 in Response to Examiner's Action Dated January 30, 2003

Sir:

In response to the Examiner's Action dated January 30, 2003, applicant amends as follows:

Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 7 of this paper.

Arguments begin on page 8 of this paper.